



# Boring/Well Log

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BORING ID: **N-16**

WELL ID: **N-16**

## PROJECT INFORMATION

## DRILLING INFORMATION

PROJECT NAME: **USEPA**

LOCATION: **Cibola County, NM**

JOB NUMBER: **20406.012.040.4020.00**

PROJECT MANAGER: **Jeff Criner**

LOGGED BY: **P. Buster**

DATE(S) DRILLED: **7/22/2015**

DRILLER: **Yellow Jacket Drilling**

METHOD: **Sonic (Hollow stem auger)**

BORING DEPTH: **71' bgs**

WELL DEPTH: **71' bgs**

BORING DIAMETER: **6"**

WELL DIAMETER: **2"**

TOP OF CASING ELEV: **N/A**

GROUND ELEVATION: **6638 ft MSL**

LATITUDE

LONGITUDE

35.3977446° N

-107.790233° W

REMARKS:

▼ STATIC WATER LEVEL: **57' 7/22/15**

▽ INITIAL WATER LEVEL: **57'**

DEPTH	LITHOLOGY	USCS	DESCRIPTION	SAMPLE NAME	RECOV.	uR/hr	WELL COMPLETION	INSTALLATION NOTES
0								Portland 0' - 3'
5		SC	Clayey Sand - brown, very loose, fine grained		90%	9		
10		SW	Sand - tan, very fine grained, dry, poorly sorted		80%	9.5		Blank PVC casing from 0' - 60'
15						10		
20		SW	Sand - tan, very fine grained, cobbles present		75%	9.5		
25			Sand - tan, very fine grained, poorly sorted		60%	11		
30			Sand - tan, very fine grained, powdery, very dry		60%	10		
35		SC	Clayey Sand - tan, fine grained		60%	10		
40		SP	Sand - tan, coarse grained, well sorted		50%	9.5		Grout 3' - 53'
45			Gravelly Sand - very coarse grained		50%	9.5		
50		SW	Sand - medium grained		75%	9.5		
55		CL	Clay - orange, plastic, damp		75%	10		Bentonite seal 53' - 58'
60		SW	Sand - tan, medium grained, gravel content increasing with depth, wet at 58'		75%	10		Colorado silica sand pack 58' - 71'
65					20%	9.5		0.010" PVC slotted screened interval 60' - 70' bgs
70		CL	Sandy Clay - brown to red, dry, hard, non-plastic, gravel present, calcarous nodules (top of Chinle Formation)		20%	10		Sump

ft - feet, in - inch, bgs - below ground surface, MSL - Mean Sea Level, btoc - below top of casing, NM - Not Measured

**This log should not be used separately from original report**